

LANDSAT SATELLITE PROGRAM

• Mr. UDALL of Colorado. Madam President, I wish to recognize and commemorate the Landsat satellite program on the 40th anniversary of the launch of the first Landsat satellite. While perhaps not as well known as some of our other satellite programs, the Landsat satellites are nevertheless wildly successful and critically important to scientific research and policymaking.

On September 21, 1966, Secretary of the Interior Stewart Udall announced the commencement of Project EROS—Earth Resources Observation Satellites. The goal of Project EROS was to create a program responsible for mapping the characteristics of the surface of the Earth, thereby helping us better understand Earth's natural resources and changing climate.

In the years following, the Department of the Interior, through the U.S. Geological Survey and partnering with the National Aeronautics and Space Administration, established the EROS Program, and on July 23, 1972, launched the first Landsat satellite responsible for Earth surface imaging. Over the last 40 years the United States launched six more Landsat satellites, ensuring continuous observation and creating a national archive of natural resource information. The next Landsat is scheduled to be launched in 2013.

Today Landsat is crucial, not only to environmental research and study, but to national policy and decisionmakers at all levels. Landsat collects data from across the United States from the forests of Washington and Oregon, to the changing wetlands and waterways of coastal Louisiana. It also collects data globally, mapping, for example, the arid regions of Saudi Arabia and Mexico and the shrinking Aral Sea and Lake Chad. Using the information gathered by these satellites, researchers are able to catalogue and compare changes in the land due to urbanization, deforestation, population growth, climate change, and natural disasters. This kind of analysis is critically important to local governments, farmers and ranchers, land managers, and many other decisionmakers.

For example, my home State of Colorado has been deeply affected by wildfires this year. Drought, climate change, and fire suppression have combined to make this one of the most destructive wildfire seasons in Colorado history. Landsat satellites collect data measuring water consumption by plants, bark beetle infestation, forest health, fuel loads, and even environmental recovery data from these damaging fires. Given this information, we can better combat wildfires both on the front lines and through our decisions here in Washington.

Not only does Landsat data benefit Colorado decisionmakers, but the satellites themselves have a strong Colorado pedigree. Ball Aerospace, located in Boulder, CO, is a key contributor to

the development and progress of the Landsat program. Ball developed and constructed several vital components of the Landsat mission, most notably the Operational Land Imager, which allows for detailed imaging and a complete scan of the entire globe every 16 days.

I want to congratulate all those who have been associated with the Landsat legacy over the past 40 years on fulfilling Secretary Udall's vision so ably. Their tireless dedication has been a true benefit to all Americans and the world.●

REPORT ON THE CONTINUATION OF THE NATIONAL EMERGENCY ORIGINALLY DECLARED IN EXECUTIVE ORDER 13536 ON APRIL 12, 2010 WITH RESPECT TO SOMALIA, RECEIVED DURING ADJOURNMENT OF THE SENATE JULY 20, 2012—PM 58

The PRESIDING OFFICER laid before the Senate the following message from the President of the United States, together with an accompanying report; which was referred to the Committee on Banking, Housing, and Urban Affairs:

To the Congress of the United States:

Pursuant to the International Emergency Economic Powers Act (50 U.S.C. 1701 *et seq.*) (IEEPA), I hereby report that I have issued an Executive Order (the "order") taking additional steps with respect to the national emergency declared in Executive Order 13536 of April 12, 2010 (E.O. 13536).

In E.O. 13536, I found that the deterioration of the security situation and the persistence of violence in Somalia, and acts of piracy and armed robbery at sea off the coast of Somalia, which have repeatedly been the subject of United Nations Security Council resolutions, and violations of the arms embargo imposed by the United Nations Security Council in Resolution 733 of January 23, 1992, and elaborated upon and amended by subsequent resolutions, constitute an unusual and extraordinary threat to the national security and foreign policy of the United States. To address that threat, E.O. 13536 blocks the property and interests in property of persons listed in the Annex to E.O. 13536 or determined by the Secretary of the Treasury, in consultation with the Secretary of State, to meet criteria specified in E.O. 13536.

In view of United Nations Security Council Resolution 2036 of February 22, 2012, and Resolution 2002 of July 29, 2011, I am issuing the order to take additional steps to deal with the national emergency declared in E.O. 13536 and to address exports of charcoal from Somalia, which generate significant revenue for al-Shabaab; the misappropriation of Somali public assets; and certain acts of violence committed against civilians in Somalia, all of which contribute to the deterioration of the security situation and the persistence of violence in Somalia.

The order prohibits the importation into the United States, directly or indirectly, of charcoal from Somalia. It also amends the designation criteria specified in E.O. 13536. As amended by the order, E.O. 13536 provides for the designation of persons determined by the Secretary of the Treasury, in consultation with the Secretary of State, to:

Have engaged in acts that directly or indirectly threaten the peace, security, or stability of Somalia, including but not limited to: Acts that threaten the Djibouti Agreement of August 18, 2008, or the political process; acts that threaten the Transitional Federal Institutions or future Somali governing institutions, the African Union Mission in Somalia (AMISOM), or other future international peacekeeping operations related to Somalia; or acts to misappropriate Somali public assets;

Have obstructed the delivery of humanitarian assistance to Somalia, or access to, or distribution of, humanitarian assistance in Somalia;

Have directly or indirectly supplied, sold or transferred to Somalia, or to have been the recipient in the territory of Somalia of, arms or any related materiel, or any technical advice, training, or assistance, including financing and financial assistance, related to military activities;

Be responsible for or complicit in, or responsible for ordering, controlling, or otherwise directing, or to have participated in, the commission of acts of violence targeting civilians in Somalia, including killing and maiming, sexual and gender-based violence, attacks on schools and hospitals, taking hostages, and forced displacement;

Be a political or military leader recruiting or using children in armed conflict in Somalia;

Have engaged, directly or indirectly, in the import or export of charcoal from Somalia on or after February 22, 2012;

Have materially assisted, sponsored, or provided financial, material, logistical or technical support for, or goods or services in support of, the activities described above or any person whose property and interests in property are blocked pursuant to E.O. 13536; or

Be owned or controlled by, or to have acted or purported to act for or on behalf of, directly or indirectly, any person whose property and interests in property are blocked pursuant to E.O. 13536.

The designation criteria will be applied in accordance with applicable Federal law including, where appropriate, the First Amendment to the United States Constitution. In view of United Nations Security Council Resolution 2002 of July 29, 2011, persons who engage in non-local commerce via al-Shabaab-controlled ports that constitutes support for a person whose property and interests in property are blocked pursuant to E.O. 13536 may be subject to designation pursuant to E.O. 13536, as amended by the order.